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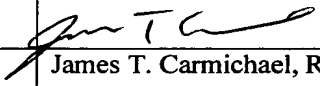
PTO/SB/21 (09-04)

Approved for use through 07/31/2006 OMB 0651-0031
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

2615
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<h1 style="text-align: center;">TRANSMITTAL FORM</h1> <p><i>(to be used for all correspondence after initial filing)</i></p>		Application Number	09/819,696
		Filing Date	March 29, 2001
		First Named Inventor	CACI, JOSEPH CLAUDE
		Art Unit	2615
		Examiner Name	T. HO
Total Number of Pages in This Submission		Attorney Docket Number	T3707-908215

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Application Data Sheet <input type="checkbox"/> Issue Fee – Part B – Fee(s) Transmittal <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks	<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 50-1165 (T3707-908215) for the above identified docket number.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm Name	Customer No. 000181
Signature	
Printed Name	James T. Carmichael, Reg. No. 45,306
Date	March 8, 2005

CERTIFICATE OF MAILING OR TRANSMISSION			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to: Mail Stop _____, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, or being facsimile transmitted to the USPTO at _____, on _____.			
Signature:			
Name:		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective on 12/8/2004 Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818) FEE TRANSMITTAL For FY 2005 <i>Patent fees are subject to annual revision.</i>		Complete if Known Application Number 09/819,696 Filing Date March 29, 2001 First Named Inventor CACI, JOSEPH CLAUDE Examiner Name T. HO Art Unit 2615 Attorney Docket No. T3707-908215	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
TOTAL AMOUNT OF PAYMENT \$180.00			

METHOD OF PAYMENT (check all that apply)

- ☒ Check
 ☐ Credit Card
 ☐ Money Order
 ☐ None
 ☐ Other (please identify): _____
- ☐ Deposit Account Deposit Account Number: 50-1165 Deposit Account Name: Miles & Stockbridge P.C.
 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☐ Charge fee(s) indicated below
 ☐ Charge fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s)
 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity	Small Entity	Small Entity	Small Entity	Small Entity	Small Entity	
Utility	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	
Design	300	150	500	250	200	100	
Plant	200	100	100	50	130	65	
Reissue	200	100	300	150	160	80	
Provisional	300	150	500	250	600	300	
	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Small Entity	Small Entity
Each claim over 20 (including Reissues)	Fee (\$)	Fee (\$)
Each independent claim over 3 (including Reissues)	50	25
Multiple dependent claims	200	100
	360	180
Total Claims	Extra Claims	Fee (\$)
- 20 or HP =	x	=
Indep. Claims	Extra Claims	Fee (\$)
- 3 or HP =	x	=

HP = highest number of independent claims paid for, if greater than 20.

HP = highest number of independent claims paid for, if greater than 3.

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

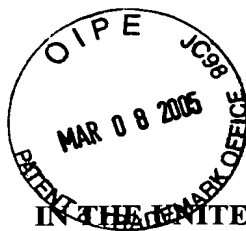
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)	Fee Paid (\$)
Other (e.g., late filing surcharge): IDS fee	\$180.00

SUBMITTED BY		Complete (if applicable)	
Signature	Registration No.	Telephone	
James T. Carmichael	45,306	(703) 903-9000	
Name (Print/Type)	Date		
James T. Carmichael	March 8, 2005		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Attorney Docket No. T3707-908215

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application for:

First Named Inventor: CACI, JOSEPH CLAUDE

Art Unit: 2615

Appln. No.: 09/819,696

Examiner: T. HO

For: SYSTEM AND METHOD FOR
GENERATING DIGITAL DATA AND
PROCESSING IN A MEMORY

Confirmation No.: 3391

* * *

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicant hereby submits the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

A check in the amount of \$180 is being submitted to comply with the provisions of 37 C.F.R. § 1.97(c).

A copy of the non-patent item listed in the attached should be available in parent application file 08/911,600, now U.S. Patent No. 6,348,946.

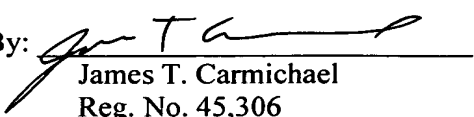
It is requested that the accompanying Information Disclosure Statement be considered and made of record in the above-captioned application. To assist the Examiner, the documents are listed on the attached PTO/SB/08A. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

The Commissioner is hereby authorized to charge fees which may be required now or hereafter, or credit any overpayment, to Deposit Account No. 50-1165 (T3707-908215).

Respectfully submitted,

Date: March 8, 2005

By:


James T. Carmichael
Reg. No. 45,306

Miles & Stockbridge, P.C.
1751 Pinnacle Drive
Suite 500
McLean, Virginia 22102-3833
(703) 903-9000

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete it Known	
		Application Number	09/819,696
		Filing Date	March 29, 2001
		First Named Inventor	CACI, JOSEPH CLAUDE
		Art Unit	2615
Examiner Name	T. HO		
Sheet 1	of 2	Attorney Docket Number	T3707-908215

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		6,348,946		02-19-2002	Caci	
		5,534,945		07-09-1996	Edgar	
		5,822,464		10-13-1998	Melcalfe	
		4,654,877		03-31-1987	Shimoni et al.	
		5,465,118		11-07-1995	Hancock	
		4,546,383		10-08-1985	Abramatic et al.	
		5,923,380		07-13-1999	Yang et al.	
		5,371,533		12-06-1994	Lewins	
		5,926,280		07-20-1999	Yamagishi et al.	
		5,847,715		12-08-1998	Fajita et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁹
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the

appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	2	of	2
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Application Number	09/819,696
Filing Date	March 29, 2001
First Named Inventor	CACI, JOSEPH CLAUDE
Art Unit	2615
Examiner Name	T. HO

Attorney Docket Number	T3707-908215
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. This information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.